

FROM AFE

TO LCB

REVIEW RELEASE

|                                 |                          |  |             |   |                 |
|---------------------------------|--------------------------|--|-------------|---|-----------------|
| UNLESS OTHERWISE NOTED          |                          | Resistor symbol<br>Capacitor symbol<br>Inductor symbol |             | NATIONAL OPTICAL ASTRONOMY OBSERVATORIES<br><small>OPERATED BY THE<br/>ASSOCIATION OF UNIVERSITIES FOR RESEARCH IN ASTRONOMY<br/>UNDER COOPERATIVE AGREEMENT WITH<br/>NATIONAL SCIENCE FOUNDATION</small> |                 |
| DO NOT SCALE DRAWING            |                          | NAME   |             | USED ON   | REF             |
| NEXT ASSEMBLY                   |                          | SCHEMATIC<br>TORRENT<br>AFE EXTENDER                   |             | DWG SIZE  | REV             |
| TRNT-EL-04-0008                 |                          |  |             | C   | RR2             |
| SCALE:                          | DESIGNED BY<br>D. Sawyer | DATE<br>26oct09  | CHECKED BY  | DATE  | DWG NO          |
| DWG PRODUCED USING<br>PCAD 2006 | DRAWN BY<br>D.Stover     | DATE   | APPROVED BY | DATE  | TRNT-EL-04-2008 |
|                                 | PRINT ISSUED             | DATE   | APPROVED BY | DATE  | RELEASED        |
|                                 |                          |  |             |   | Sheet 1 of 2    |

Modified Date: Wed Nov 04, 2009  
Print Date: Thu Jul 12, 2012

A

B

C

D

1

1

2

2

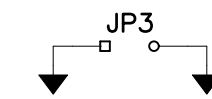
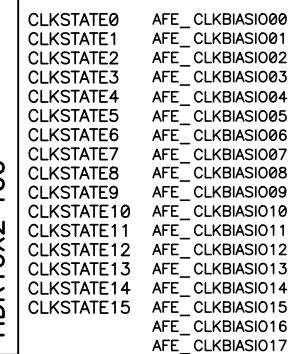
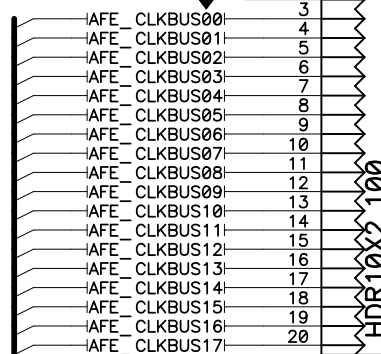
3

3

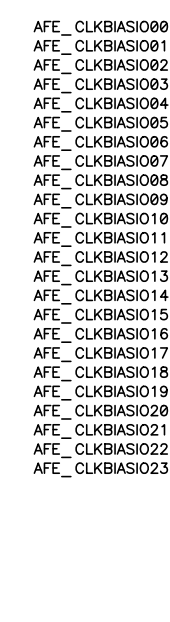
4

4

TEST POINTS



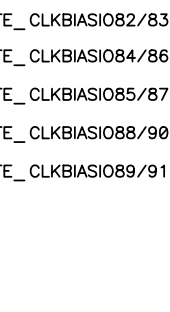
P1



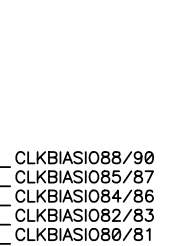
ERMB-050-01-S-D-EM2



AFE\_CLKBIAS080/81



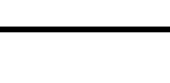
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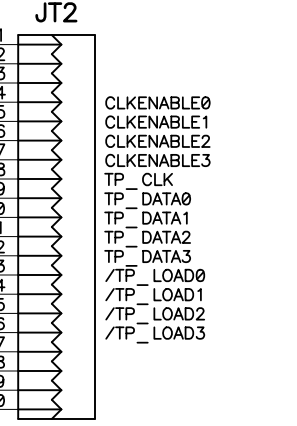
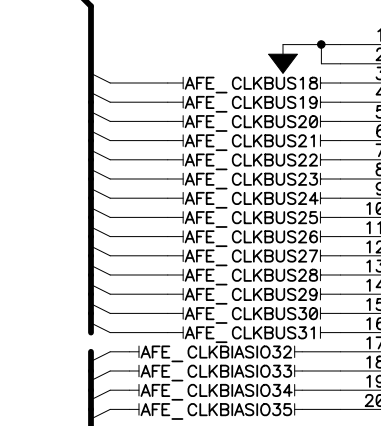
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AFE\_CLKBIAS082/83

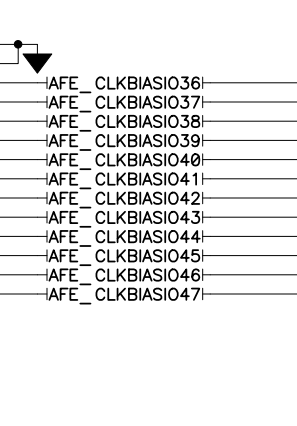


AFE\_CLKBIAS080/81



HDR10X2 100

TEST POINTS



HDR10X2 100

TEST POINTS

TELADC\_DIN

/TELMUX1\_SYNC

/TELMUX0\_SYNC

/TELDC0\_SYNC

/TELMON1\_SYNC

/TELMON0\_SYNC

/DAC\_LDAC3

/DAC\_LDAC2

/DAC\_LDAC1

/DAC\_LDAC0

/DAC\_SYNC3

/DAC\_SYNC2

/DAC\_SYNC1

/DAC\_SYNC0

DAC\_SDIN

AFE\_CLKBIAS063

AFE\_CLKBIAS062

AFE\_CLKBIAS061

AFE\_CLKBIAS060

AFE\_CLKBIAS059

AFE\_CLKBIAS058

AFE\_CLKBIAS057

AFE\_CLKBIAS056

AFE\_CLKBIAS055

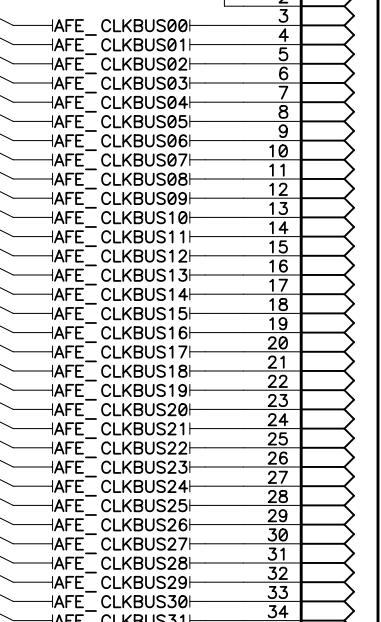
AFE\_CLKBIAS054

AFE\_CLKBIAS053

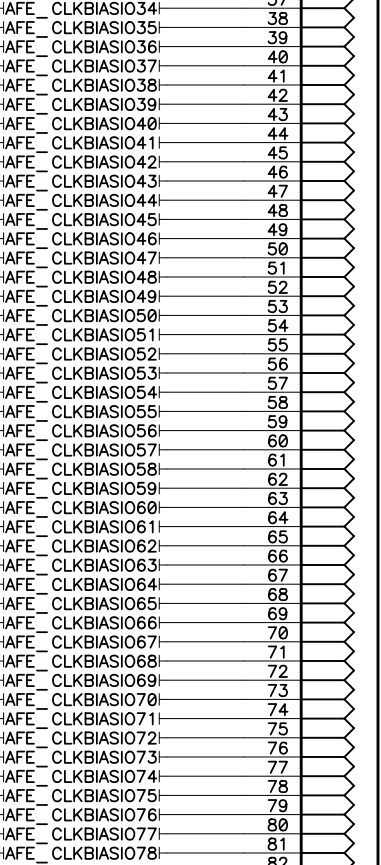
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AFE\_CLKBIAS051

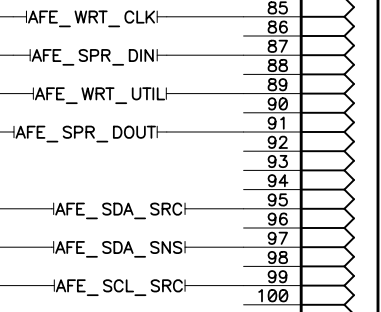
TP1



XA1J1



ERF8-050-07.0-S-DV-EGP



HDR10X2 100

TEST POINTS

TEL\_SCLK

DAC\_SCLK

/DAC\_RESET

/DAC\_CLR3

/DAC\_CLR2

/DAC\_CLR1

/DAC\_CLR0

DAC\_PD3

DAC\_PD2

DAC\_PD1

DAC\_PD0

FROM AFE

TO LCB

REVIEW RELEASE

|  |      |     |     |
|--|------|-----|-----|
| NATIONAL OPTICAL ASTRONOMY OBSERVATORIES |      |     |     |
| NAME                                     |      |     |     |
| SCHEMATIC                                |      |     |     |
| TORRENT                                  |      |     |     |
| AFE EXTENDER                             |      |     |     |
| DWG NO                                   | SIZE | REF | REV |
| TRNT-EL-04-2008                          | C    |     | RR2 |
| RELEASED                                 |      |     |     |
| Modified Date: Wed Nov 04, 2009          |      |     |     |
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| Sheet 2 of 2                             |      |     |     |

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